

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>E-2437/04</b>	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. <b>PCT/EP2004/052559</b>	International filing date ( <i>day/month/year</i> ) <b>15/10/2004</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>17/10/2003</b>
Applicant  <b>DAYCO EUROPE S.R.L. CON UNICO SOCIO</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).



- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/052559

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16G1/28 B29D29/08 B29C67/24 C08L15/00 C08L27/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16G B29D B29C C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 052 425 A (MITSUBOSHI BELTING LTD) 15 November 2000 (2000-11-15)	1-3,7
Y	paragraphs '0053!, '0053!, '0063!; figure 2; example C5	4-6
Y	EP 1 157 813 A (DAYCO EUROP SRL) 28 November 2001 (2001-11-28) cited in the application paragraphs '0025! - '0039!; claims 1,2	4-6
P,A	EP 1 396 658 A (CONTITECH ANTRIEBSSYSTEME GMBH) 10 March 2004 (2004-03-10) paragraphs '0019!, '0035!; claim 6	1,7
A	US 6 352 488 B1 (MORRIS MATTHEW THOMAS ET AL) 5 March 2002 (2002-03-05) paragraph '0032! - paragraph '0038!	1-7
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

22 February 2005

Date of mailing of the international search report

02/03/2005

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International Application No  
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 196 249 A (PATRICHI MIHAI D) 1 April 1980 (1980-04-01) column 2, line 15 - line 28 -----	1,7
A	US 5 238 991 A (MAGNUS FREDRICK L ET AL) 24 August 1993 (1993-08-24) claims 1,2 -----	1
A	US 6 153 686 A (MORRIS MATTHEW THOMAS ET AL) 28 November 2000 (2000-11-28) claim 1 -----	1
A	US 3 600 309 A (JONES THOMAS ET AL) 17 August 1971 (1971-08-17) claim 1 -----	1
A	EP 0 711 643 A (GOODYEAR TIRE & RUBBER) 15 May 1996 (1996-05-15) page 3, line 16 -----	1
A	WO 01/75330 A (NAU JOACHIM ; WOLTERS JOERG (DE); GREYDANUS YMTE (DE); MOSES REINHOLD) 11 October 2001 (2001-10-11) page 7, paragraph 2 -----	1
A	US 6 013 218 A (PATITSAS GEORGE PHILEMON ET AL) 11 January 2000 (2000-01-11) column 3, line 35 -----	1
A	WO 00/63580 A (THE GATES CORPORATION; GIBSON, DANIEL, PATTIE; MACKINTOSH, JAMES, GORD) 26 October 2000 (2000-10-26) table 1 -----	1

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052559

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1052425	A	15-11-2000	JP 2001032887 A DE 60008039 D1 DE 60008039 T2 EP 1052425 A2	06-02-2001 11-03-2004 25-11-2004 15-11-2000
EP 1157813	A	28-11-2001	IT T020000468 A1 AT 235367 T BR 0102792 A CA 2348224 A1 DE 60100139 D1 DE 60100139 T2 EP 1157813 A1 ES 2194810 T3 JP 2002039276 A US 2002015825 A1	23-11-2001 15-04-2003 02-01-2002 23-11-2001 30-04-2003 08-01-2004 28-11-2001 01-12-2003 06-02-2002 07-02-2002
EP 1396658	A	10-03-2004	EP 1396658 A1 BR 0303470 A US 2004048708 A1	10-03-2004 08-09-2004 11-03-2004
US 6352488	B1	05-03-2002	BR 0000982 A CA 2296767 A1 DE 60006174 D1 DE 60006174 T2 EP 1035353 A1	31-10-2000 05-09-2000 04-12-2003 29-07-2004 13-09-2000
US 4196249	A	01-04-1980	US 4195368 A	01-04-1980
US 5238991	A	24-08-1993	NONE	
US 6153686	A	28-11-2000	BR 9800846 A CA 2229629 A1 CN 1197087 A CZ 9800770 A3 DE 69814222 D1 DE 69814222 T2 DK 864607 T3 EP 0864607 A1 ES 2197393 T3 HU 9800544 A2 ID 20047 A JP 10251451 A PL 325267 A1 TW 591074 B US 6460836 B1	28-03-2000 13-09-1998 28-10-1998 16-09-1998 12-06-2003 18-03-2004 01-09-2003 16-09-1998 01-01-2004 28-10-1998 17-09-1998 22-09-1998 14-09-1998 11-06-2004 08-10-2002
US 3600309	A	17-08-1971	GB 1222001 A	10-02-1971
EP 0711643	A	15-05-1996	AT 234182 T BR 9504162 A CA 2138590 A1 DE 69529877 D1 DE 69529877 T2 EP 0711643 A2 JP 8112817 A TR 960246 A2 US 6013218 A US 5728311 A	15-03-2003 06-08-1996 31-03-1996 17-04-2003 13-11-2003 15-05-1996 07-05-1996 21-06-1996 11-01-2000 17-03-1998

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052559

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0175330	A	11-10-2001	DE 10016351 A1	11-10-2001
			WO 0175330 A1	11-10-2001
			EP 1272777 A1	08-01-2003
			US 2003139242 A1	24-07-2003
US 6013218	A	11-01-2000	US 5728311 A	17-03-1998
			US 5538218 A	23-07-1996
			BR 9700682 A	01-09-1998
			CA 2180797 A1	17-07-1997
			DE 69714620 D1	19-09-2002
			DE 69714620 T2	03-04-2003
			EP 0785056 A2	23-07-1997
			JP 9234744 A	09-09-1997
			AT 234182 T	15-03-2003
			BR 9504162 A	06-08-1996
			CA 2138590 A1	31-03-1996
			DE 69529877 D1	17-04-2003
			DE 69529877 T2	13-11-2003
			EP 0711643 A2	15-05-1996
			JP 8112817 A	07-05-1996
			TR 960246 A2	21-06-1996
			BR 9504116 A	30-07-1996
			CA 2135032 A1	29-03-1996
			CN 1125169 A ,C	26-06-1996
			EP 0711642 A2	15-05-1996
			JP 8109285 A	30-04-1996
			TR 960245 A2	21-06-1996
WO 0063580	A	26-10-2000	GB 2349113 A	25-10-2000
			AT 277306 T	15-10-2004
			AU 745210 B2	14-03-2002
			AU 4482100 A	02-11-2000
			BR 0006067 A	20-03-2001
			CA 2335544 A1	26-10-2000
			CN 1128945 C	26-11-2003
			DE 60013996 D1	28-10-2004
			EP 1088177 A1	04-04-2001
			JP 3547403 B2	28-07-2004
			JP 2002542078 T	10-12-2002
			WO 0063580 A1	26-10-2000
			US 2002179228 A1	05-12-2002
			US 6419775 B1	16-07-2002